

This listing of claims replaces all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A data cartridge library comprising:

a frame;

a shelf system, operatively attached to said frame, for supporting at least two data cartridge magazines and comprising at least one shelf;

drive means that is operatively attached to said frame, capable of receiving, from a data cartridge transport device, a data cartridge that contains a recording medium, and capable, during operation, of transferring data between a recording medium located within a data cartridge and an environment that is exterior to said drive means;

a magazine transport device, operatively attached to said frame, for moving a data cartridge magazine;

a cartridge transport device, operatively attached to said frame, for moving a data cartridge between a data cartridge magazine and said drive means; and

a power supply, operatively attached to said frame, for receiving AC power from an external environment and producing DC power in a form suitable for use by said drive means; and

a conductor, operatively attached to said frame, ~~for conveying DC power from said power supply to said drive means; wherein said conductor has a first flat external surface and a second flat external surface that is substantially parallel to said first flat external surface, said conductor comprising both a first and second flat external surface that each extend from a first end to a second end wherein said second flat external surface is parallel to said first flat external surface between which DC power is conveyed; said conductor further comprising at least a first tap located between said first and second ends wherein said first tap provides electrical access for said drive means to receive said DC power from said power supply conveyed along said conductor in at least one common path in a direction between said first and second ends.~~

2-20. (Canceled).

21. (New) The data cartridge library of claim 1 wherein said flat connector comprises at least a first electrical pathway corresponding to a first voltage and first ground and a second electrical pathway corresponding to a second voltage and second ground.

22. (New) The data cartridge library of claim 21 wherein said first voltage is 12 volts and said second voltage is 5 volts.

23. (New) The data cartridge library of claim 21 wherein said first and second pathway can carry sufficient power to provide power to a plurality of drives.

24. (New) The data cartridge library of claim 1 wherein said first tap is capable of electrically connecting with a first plug.

25. (New) The data cartridge library of claim 24 further comprising a second tap that is located between said first and second end of said conductor and is capable of electrically connecting with a second plug.

26. (New) The data cartridge library of claim 24 wherein power is provided to said drive means from said conductor when said first plug cooperates with a third plug linked with said drive means.

27. (New) The data cartridge library of claim 1 wherein said conductor is for providing power exclusively to said drive means.

28. (New) The data cartridge library of claim 1 wherein said first tap can provide said electrical access with said drive means, said drive means comprising a plurality of drives.

29. (New) The data cartridge library of claim 1 wherein said conductor is fixedly attached to

a channel member associated with said frame.

30. (New) The data cartridge library of claim 1 wherein said conductor further comprises a second and third tap, wherein each of said taps is associated with a drive bay each adapted to accommodate at least one drive.
31. (New) The data cartridge library of claim 1 wherein said conductor further comprises a connector substantially disposed at said first end.
32. (New) The data cartridge library of claim 31 wherein said conductor further comprises a connector substantially disposed at said second end.
33. (New) The data cartridge library of claim 1 wherein said power supply is connected to said conductor at said first end.
34. (New) A storage library comprising:
a frame;
a drive means for recording data;
a power supply for providing power to at least said drive means;
a flat power conductor extending from a first end to a second end, said flat conductor electrically connected to said power supply;
at least a first tap located between said first and second ends wherein said tap is capable of providing electrical power from said power supply in at least one common path to said drive means via said flat power conductor.
35. (New) The storage library of claim 34 wherein said drive means is a disk drive.
36. (New) The storage library of claim 34 wherein said flat connector comprises at least an electrical pathway for a first voltage and first ground and a second voltage and second ground.

37. (New) The data cartridge library of claim 34 wherein said first tap is capable of electrically connecting with a first plug.
38. (New) The data cartridge library of claim 34 wherein said disk drive connects with a plug connected to said first tap.
39. (New) The data cartridge library of claim 34 wherein said power conductor is fixedly disposed along said frame and wherein said power conductor provides a second tap and a third tap, each of said taps providing power to a corresponding drive bay, said drive bay capable of holding at least one drive.
40. (New) A storage library comprising:
- a plurality of drives for recording data;
 - a power supply capable of providing power to said plurality of drives;
 - a flat power conductor for transmitting said power from said power supply to said drives wherein said flat power conductor extends in length between a first end and a second end wherein a cross-section of said flat power conductor between said first and second ends is substantially rectangular, said flat power conductor comprising: at least one common power line and ground to transmit said power, a plurality of taps located between said two ends wherein said drives are electrically connected to said flat power conductor via said taps.